

Calculating Prices

Using Discounts and Tax Rates

Name: _____ Date: _____



Find the price of each product after a discount and tax is applied.

(1) Skateboard: \$48.00

Discount Rate: 8%

Tax Rate: 8%

Discount: $48.00 \times 0.08 = \$3.84$

Price: $48.00 - 3.84 = \$44.16$

Tax: $44.16 \times 0.08 = \$3.53$

Total: $44.16 + 3.53 = \$47.69$

(2) Fruit smoothie: \$3.00

Discount Rate: 15%

Tax Rate: 8%

(3) Wooden toy: \$19.00

Discount Rate: 25%

Tax Rate: 3%

(4) Leather jacket: \$149.00

Discount Rate: 15%

Tax Rate: 5%

(5) Board game: \$16.00

Discount Rate: 35%

Tax Rate: 7%

(6) Dog leash: \$5.00

Discount Rate: 20%

Tax Rate: 4%

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ANSWER KEY



Find the price of each product after a discount and tax is applied.

- (1) Skateboard: \$48.00

Discount Rate: 8%

Tax Rate: 8%

$$\text{Discount: } 48.00 \times 0.08 = \$3.84$$

$$\text{Price: } 48.00 - 3.84 = \$44.16$$

$$\text{Tax: } 44.16 \times 0.08 = \$3.53$$

$$\text{Total: } 44.16 + 3.53 = \$47.69$$

- (2) Fruit smoothie: \$3.00

Discount Rate: 15%

Tax Rate: 8%

$$\text{Discount: } 3.00 \times 0.15 = \$0.45$$

$$\text{Price: } 3.00 - 0.45 = \$2.55$$

$$\text{Tax: } 2.55 \times 0.08 = \$0.20$$

$$\text{Total: } 2.55 + 0.20 = \$2.75$$

- (3) Wooden toy: \$19.00

Discount Rate: 25%

Tax Rate: 3%

$$\text{Discount: } 19.00 \times 0.25 = \$4.75$$

$$\text{Price: } 19.00 - 4.75 = \$14.25$$

$$\text{Tax: } 14.25 \times 0.03 = \$0.43$$

$$\text{Total: } 14.25 + 0.43 = \$14.68$$

- (4) Leather jacket: \$149.00

Discount Rate: 15%

Tax Rate: 5%

$$\text{Discount: } 149.00 \times 0.15 = \$22.35$$

$$\text{Price: } 149.00 - 22.35 = \$126.65$$

$$\text{Tax: } 126.65 \times 0.05 = \$6.33$$

$$\text{Total: } 126.65 + 6.33 = \$132.98$$

- (5) Board game: \$16.00

Discount Rate: 35%

Tax Rate: 7%

$$\text{Discount: } 16.00 \times 0.35 = \$5.60$$

$$\text{Price: } 16.00 - 5.60 = \$10.40$$

$$\text{Tax: } 10.40 \times 0.07 = \$0.73$$

$$\text{Total: } 10.40 + 0.73 = \$11.13$$

- (6) Dog leash: \$5.00

Discount Rate: 20%

Tax Rate: 4%

$$\text{Discount: } 5.00 \times 0.20 = \$1.00$$

$$\text{Price: } 5.00 - 1.00 = \$4.00$$

$$\text{Tax: } 4.00 \times 0.04 = \$0.16$$

$$\text{Total: } 4.00 + 0.16 = \$4.16$$